

Equipment	Description	Specification	
Closed Milk Cooling Tanks	● Round or oval-shaped tank	Capacities	1100 to 6000 liter
	● Insulated with Polyurethane insulation surrounds the tank	Electricity	50Hz, 380V
	● Cleaning automatically, with proven spray ball technology and control unit	Fereon	R 22
		Stainless steel	316
	● Solid agitator for gentle and efficient milk mixing,		
	● Double outlet valve means an easy emptying and washing process.		
	● Stainless steel Butterfly valve		
	● Stainless steel manhole cover.		
	● Adjustable legs		
	● Innovative stainless steel dimple plate evaporators for fast and cost-effective cooling		
	● Sufficient air water-cooled condensing units piston & scroll type		
	● Environmentally friendly coolant fereon		
	Note:		
	Milk is collected after two milkings shifts		
Half of the tank will be filled once at the morning and the rest at night			
Ambient temperature from 32°C - 38°C summer time			
Dump Tank	● Stainless steel with cover, Butterfly valve & Adjustable legs	Capacities	200 liter
In-Line Filter	● Stainless steel filter for removing particles milk residue		
Milk Pump	● Stainless steel milk transfer pump	Electricity	50Hz, 380V
Fittings	● Stainless steel pipes and fittings	Stainless steel	304
Electronic Milk Analyzer	Fast and cost effective analysis of the fat contents, milk solids non fat (SNF), protein, milk density for cow, sheep, buffalo, goat, etc. milk and added water to milk as well.	Ambient air tempe	15° - 30°C
		Milk temperature	15° - 30°C
		Relative humidity	30% - 80%
	● Simple and lightweight design;	Measuring Cycle	20 - 25 Sample/h
	● PH value may be used for analyses of milk acidity and for process control in dairy industry.	Electricity	220V AC
		Car battery useabl	12V DC (10.6 -14.2 V)
● Program to collect milk data from the milk analyzer			
● vendor ID, volume-liters and milk parameters			